



ITW

CASE D0297 NP

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Keith R. Lange  
Type or print name

  
Signature

6/29/04  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

FEDER ET AL.

APPLICATION NO: 10/761,905

FILED: JANUARY 21, 2004

FOR: POLYNUCLEOTIDE ENCODING A NOVEL ACYL COENZYME A,  
MONOACYLGLYCEROL ACYLTRANSFERASE-3 (MGAT3), AND  
USES THEREOF

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants believe this paper is being filed before the mailing date of a first Office Action on the merits, and so under 37 C.F.R. §1.97(b)(3) no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-3880.

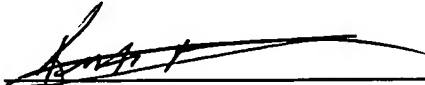
In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

Copies of these references are enclosed herewith.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

Bristol-Myers Squibb Company  
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P.O. Box 4000  
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Keith R. Lange  
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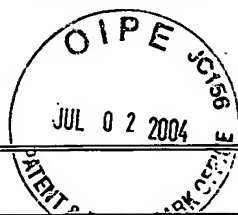
Date:

FORM PTO-1449  
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

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D0297 NP  
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10/761,905  
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Group

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	TRADE MARK OFFICE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
		2AA 4,925,648	5/15/90	Hansen et al.			
		2AB 4,946,778	8/7/90	Ladner et al.			
		2AC 4,946,787	8/7/90	Eppstein et al.			
		2AD 4,980,286	12/25/90	Morgan et al.			
		2AE 5,010,175	4/23/91	Rutter et al.			
		2AF 5,049,386	9/17/91	Eppstein et al.			
		2AG 5,073,627	12/17/91	Curtis et al.			
		2AH 5,112,946	5/12/92	Maione			
		2AI 5,122,464	6/16/92	Wilson et al.			
		2AJ 5,139,941	8/18/92	Muzyczka et al.			
		2AK 5,173,414	12/22/92	Lebkowski et al.			
		2AL 5,205,290	4/27/93	Unger			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO	
		2AM EP 0 367 166	5/9/90	EP			<input type="checkbox"/>	<input type="checkbox"/>
		2AN EP 0 394 827	10/31/90	EP			<input type="checkbox"/>	<input type="checkbox"/>
		2AO EP 0 396 387	12/22/93	EP			<input type="checkbox"/>	<input type="checkbox"/>
		2AP EP 0 401 384	3/13/96	EP			<input type="checkbox"/>	<input type="checkbox"/>
		2AQ EP 0 439 095	5/20/98	EP			<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

	2AR	Ames, R.S. et al., "Conversion of murine Fabs isolated from a combinatorial phage display library to full length immunoglobulins", Journal of Immunological Methods, Vol. 184, pp. 177-186 (1995)
	2AS	Arenkov, P. et al., "Protein Microchips: Use for Immunoassay and Enzymatic Reactions", Analytical Biochemistry, Vol. 278, pp. 123-131 (2000)
	2AT	Arnon, R. et al., "Monoclonal Antibodies for Immunotargeting of Drugs in Cancer Therapy", Monoclonal Antibodies and Cancer Therapy, Proceedings of the Roche-UCLA Symposium, Park City, UT, January 26-February 2, 1985, Alan R. Liss, Inc., publ., Reisfeld, R.A. et al., eds., pp. 243-256 (1985)

**EXAMINER****DATE CONSIDERED**

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AA	4,179,337	12/18/79	Davis et al.			
AB	4,376,110	3/8/83	David et al.			
AC	4,444,887	4/24/84	Hoffmann			
AD	4,474,893	10/2/84	Reading			
AE	4,631,211	12/23/86	Houghten			
AF	4,676,980	6/30/87	Segal et al.			
AG	4,714,681	12/22/87	Reading			
AH	4,716,111	12/29/87	Osband et al.			
AI	4,741,900	5/3/88	Alvarez et al.			
AJ	4,816,397	3/28/89	Boss et al.			
AK	4,816,567	3/28/89	Cabilly et al.			
AL	4,897,355	1/30/90	Eppstein et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AM	CA 2,045,869	12/29/91	CA			<input type="checkbox"/>	<input type="checkbox"/>
AN	EP 0 171 496	5/26/93	EP			<input type="checkbox"/>	<input type="checkbox"/>
AO	EP 0 173 494	3/5/86	EP			<input type="checkbox"/>	<input type="checkbox"/>
AP	EP 0 239 400	8/3/94	EP			<input type="checkbox"/>	<input type="checkbox"/>
AQ	EP 0 307 434	9/8/93	EP			<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

AR	NCBI ENTREZ ACCESSION NO. gi AF384161, Cases, S. et al., January 11, 2002
AS	NCBI ENTREZ ACCESSION NO. gi AF384163, Cases, S. et al., October 16, 2001
AT	Aldhous, M.C. et al., "Modification of enteral diets in inflammatory bowel disease", Proceedings of the Nutrition Society, Vol. 60, pp. 457-461 (2001)

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	3AA	5,223,409	6/29/93	Ladner et al.			
	3AB	5,225,539	7/6/93	Winter			
	3AC	5,258,498	11/2/93	Huston et al.			
	3AD	5,288,514	2/22/94	Ellman			
	3AE	5,314,995	5/24/94	Fell, Jr. et al.			
	3AF	5,336,603	8/9/94	Capon et al.			
	3AG	5,349,053	9/20/94	Landolfi			
	3AH	5,354,678	10/11/94	Lebkowski et al.			
	3AI	5,359,046	10/25/94	Capon et al.			
	3AJ	5,403,484	4/4/95	Ladner et al.			
	3AK	5,413,923	5/9/95	Kucherlapati et al.			
	3AL	5,427,908	6/27/95	Dower et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	3AM	EP 0 464 533	7/29/98	EP			<input type="checkbox"/>	<input type="checkbox"/>
	3AN	EP 0 519 586	12/23/92	EP			<input type="checkbox"/>	<input type="checkbox"/>
	3AO	EP 0 592 106	4/13/94	EP			<input type="checkbox"/>	<input type="checkbox"/>
	3AP	WO 84/03564	9/13/84	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	3AQ	WO 86/01533	3/13/86	PCT			<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

	3AR	Ashkenazi, A. et al., "Protection against endotoxic shock by a tumor necrosis factor receptor immunoadhesin", Proc. Natl. Acad. Sci. USA, Vol. 88, pp. 10535-10539 (1991)
	3AS	Ausubel, F.M. et al., eds., Current Protocols in Molecular Biology, Vols. 1-4, John Wiley & Sons, Inc., publ., pp. 1-11 (table of contents) (2001)
	3AT	Ausubel, F.M. et al., eds., Chapter 2: "Preparation and Analysis of DNA", Current Protocols in Molecular Biology, Vol. 1, John Wiley & Sons, Inc., publ., pp. 1-3 (table of contents), 2.1.1-2.12.7 (1999)

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	4AA	5,436,146	7/25/95	Shenk et al.			
	4AB	5,441,050	8/15/95	Thurston et al.			
	4AC	5,447,851	9/5/95	Beutler et al.			
	4AD	5,459,127	10/17/95	Felgner et al.			
	4AE	5,474,935	12/12/95	Chatterjee et al.			
	4AF	5,474,981	12/12/95	Leder et al.			
	4AG	5,478,745	12/26/95	Samulski et al.			
	4AH	5,478,925	12/26/95	Wallach et al.			
	4AI	5,506,337	4/9/96	Summerton et al.			
	4AJ	5,516,637	5/14/96	Huang et al.			
	4AK	5,519,134	5/21/96	Acevedo et al.			
	4AL	5,525,735	6/11/96	Gallop et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO	
	4AM	WO 86/05807	10/9/86	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	4AN	WO 87/01130	2/26/87	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	4AO	WO 87/02671	5/7/87	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	4AP	WO 88/09810	12/15/88	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	4AQ	WO 89/01036	2/9/89	PCT			<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

	4AR	Ausubel, F.M. et al., eds., Unit 6.3: "Using DNA Fragments as Probes", Current Protocols in Molecular Biology, Vol. 1, John Wiley & Sons, Inc., publ., pp. 6.3.1-6.3.6 (1993)
	4AS	Ausubel, F.M. et al., eds., Unit 10.8: "Immunoblotting and Immunodetection", Current Protocols in Molecular Biology, Vol. 2, John Wiley & Sons, Inc., publ., pp. 10.8.1-10.8.21 (1997)
	4AT	Ausubel, F.M. et al., eds., Unit 10.16: "Immunoprecipitation", Current Protocols in Molecular Biology, Vol. 2, John Wiley & Sons, Inc., publ., pp. 10.16.1-10.16.29 (1999)

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5AA	5,530,101	6/25/96	Queen et al.			
	5AB	5,539,083	7/23/96	Cook et al.			
	5AC	5,545,806	8/13/96	Lonberg et al.			
	5AD	5,545,807	8/13/96	Surani et al.			
	5AE	5,549,974	8/27/96	Holmes			
	5AF	5,565,332	10/15/96	Hoogenboom et al.			
	5AG	5,569,825	10/29/96	Lonberg et al.			
	5AH	5,569,588	10/29/96	Ashby et al.			
	5AI	5,571,698	11/5/96	Ladner et al.			
	5AJ	5,573,920	11/12/96	Randle			
	5AK	5,580,717	12/3/96	Dower et al.			
	5AL	5,580,859	12/3/96	Felgner et al.			

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							YES	NO
	5AM	WO 89/10134	11/2/89	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	5AN	WO 89/12624	12/28/89	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	5AO	WO 90/02809	3/22/90	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	5AP	WO 90/11092	10/4/90	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	5AQ	WO 90/11364	10/4/90	PCT			<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

	5AR	Ausubel, F.M. et al., eds., Unit 11.2: "Enzyme-Linked Immunosorbent Assays (ELISA)", Current Protocols in Molecular Biology, Vol. 2, John Wiley & Sons, Inc., publ., pp. 11.2.1-11.2.22 (1991)
	5AS	Bartlett, R.J. et al., "In vivo targeted repair of a point mutation in the canine dystrophin gene by a chimeric RNA/DNA oligonucleotide", Nature Biotechnology, Vol. 18, pp. 615-622 (2000)
	5AT	Bartůňek, P. et al., "Avian Stem Cell Factor (SCF): Production and Characterization of the Recombinant His-Tagged SCF of Chicken and Its Neutralizing Antibody", Cytokine, Vol. 8, No. 1, pp. 14-20 (1996)

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	6AA	5,585,089	12/17/96	Queen et al.			
	6AB	5,589,377	12/31/96	Lebkowski et al.			
	6AC	5,589,466	12/31/96	Felgner et al.			
	6AD	5,593,853	1/14/97	Chen et al.			
	6AE	5,593,972	1/14/97	Weiner et al.			
	6AF	5,601,819	2/11/97	Wong et al.			
	6AG	5,605,793	2/25/97	Stemmer			
	6AH	5,622,929	4/22/97	Willner et al.			
	6AI	5,625,126	4/29/97	Lonberg et al.			
	6AJ	5,633,425	5/27/97	Lonberg et al.			
	6AK	5,641,670	6/24/97	Treco et al.			
	6AL	5,652,224	7/29/97	Wilson et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
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	6AM	WO 91/00360	1/10/91	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	6AN	WO 91/19735	12/26/91	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	6AO	WO 91/06570	5/16/91	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	6AP	WO 91/09967	7/11/91	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	6AQ	WO 91/10737	7/25/91	PCT			<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	6AR	Baum, R., "Solid-phase synthesis of benzodiazepines", C&EN, pp. 33-34 (1993)
	6AS	Bause, E., "Structural requirements of N-glycosylation of proteins", Biochem. J., Vol. 209, pp. 331-336 (1983)
	6AT	Beal, P.A. et al., "Second Structural Motif for Recognition of DNA by Oligonucleotide-Directed Triple-Helix Formation", Science, Vol. 251, pp. 1360-1363 (1991)

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	7AA	5,658,727	8/19/97	Barbas et al.			
	7AB	5,661,016	8/26/97	Lonberg et al.			
	7AC	5,661,106	8/26/97	Baumann et al.			
	7AD	5,676,954	10/14/97	Brigham			
	7AE	5,693,622	12/2/97	Wolff et al.			
	7AF	5,698,426	12/16/97	Huse			
	7AG	5,703,055	12/30/97	Felgner et al.			
	7AH	5,733,743	3/31/98	Johnson et al.			
	7AI	5,733,761	3/31/98	Treco et al.			
	7AJ	5,750,753	5/12/98	Kimae et al.			
	7AK	5,780,225	7/14/98	Wigler et al.			
	7AL	5,807,715	9/15/98	Morrison et al.			

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							YES	NO
	7AM	WO 91/10741	7/25/91	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	7AN	WO 91/14438	10/3/91	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	7AO	WO 91/15580	10/17/91	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	7AP	WO 92/00091	1/9/92	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	7AQ	WO 92/01047	1/23/92	PCT			<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

	7AR	Bell, R.M. et al., "Enzymes of Glycerolipid Synthesis in Eukaryotes", Ann. Rev. Biochem., Vol. 49, pp. 459-487 (1980)
	7AS	Belldgrun, A. et al., "Human Renal Carcinoma Line Transfected With Interleukin-2 and/or Interferon $\alpha$ Gene(s): Implications for Live Cancer Vaccines", Journal of the National Cancer Institute, Vol. 85, No. 3, pp. 207-216 (1993)
	7AT	Bennett, D. et al., "Kinetic Characterization of the Interaction of Biotinylated Human Interleukin 5 with an Fc Chimera of its Receptor $\alpha$ Subunit and Development of an ELISA Screening Assay using Real-Time Interaction Biosensor Analysis", Journal of Molecular Recognition, Vol. 8, pp. 52-58 (1995)

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	8AA	5,811,097	9/22/98	Allison et al.			
	8AB	5,811,238	9/22/98	Stemmer et al.			
	8AC	5,814,318	9/29/98	Lonberg et al.			
	8AD	5,821,047	10/13/98	Garrard et al.			
	8AE	5,830,721	11/3/98	Stemmer et al.			
	8AF	5,834,252	11/10/98	Stemmer et al.			
	8AG	5,837,458	11/17/98	Minshull et al.			
	8AH	5,837,832	11/17/98	Chee et al.			
	8AI	5,856,104	1/5/99	Chee et al.			
	8AJ	5,856,174	1/5/99	Lipshutz et al.			
	8AK	5,858,659	1/12/99	Sapolsky et al.			
	8AL	5,874,219	2/23/99	Rava et al.			

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	8AM	WO 92/05793	4/16/92	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	8AN	WO 92/06180	4/16/92	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	8AO	WO 92/08495	5/29/92	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	8AP	WO 92/08802	5/29/92	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	8AQ	WO 92/18619	10/29/92	PCT			<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

	8AR	Benoist, C. et al., "In vivo sequence requirements of the SV40 early promoter region", Nature, Vol. 290, pp. 304-310 (1981)
	8AS	Better, M. et al., "Escherichia coli Secretion of an Active Chimeric Antibody Fragment", Science, Vol. 240, pp. 1041-1043 (1988)
	8AT	Bird, R.E. et al., "Single-Chain Antigen-Binding Proteins", Science, Vol. 242, pp. 423-426 (1988)

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	9AA	5,885,793	3/23/99	Griffiths et al.			
	9AB	5,914,123	6/22/99	Arntzen et al.			
	9AC	5,916,771	6/29/99	Hori et al.			
	9AD	5,939,598	8/17/99	Kucherlapati et al.			
	9AE	5,969,108	10/19/99	McCafferty et al.			
	9AF	5,985,660	11/16/99	Galy			
	9AG	6,020,141	2/1/00	Pantoliano et al.			
	9AH	6,028,066	2/22/00	Unger			
	9AI	6,034,298	3/7/00	Lam et al.			
	9AJ	6,036,920	3/14/00	Pantoliano et al.			
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
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	9AM	WO 92/20316	11/26/92	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	9AN	WO 92/20373	11/26/92	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	9AO	WO 92/22324	12/23/92	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	9AP	WO 92/22635	12/23/92	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	9AQ	WO 93/08829	5/13/93	PCT			<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	9AR	Bitter, G.A. et al., "Expression and Secretion Vectors for Yeast", Methods in Enzymology, Vol. 153, pp. 516-544 (1987)
	9AS	Boerner, P. et al., "Production of Antigen-Specific Human Monoclonal Antibodies from In Vitro-Primed Human Splenocytes", The Journal of Immunology, Vol. 147, No. 1, pp. 86-95 (1991)
	9AT	Boesen, J.J.B. et al., "Circumvention of chemotherapy-induced myelosuppression by transfer of the <i>mdr1</i> gene", Biotherapy, Vol. 6, pp. 291-302 (1994)

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Group

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	10AA	WO 93/11236	6/10/93	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	10AB	WO 93/14188	7/22/93	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	10AC	WO 93/17715	9/16/93	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	10AD	WO 93/20221	10/14/93	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	10AE	WO 93/20242	10/14/93	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	10AF	WO 93/21232	10/28/93	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	10AG	WO 94/08598	4/28/94	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	10AH	WO 94/10308	5/11/94	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	10AI	WO 94/12649	6/9/94	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	10AJ	WO 94/12650	6/9/94	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	10AK	WO 95/15982	6/15/95	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	10AL	WO 95/20401	8/3/95	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	10AM	WO 96/04388	2/15/96	PCT			<input type="checkbox"/>	<input type="checkbox"/>
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	10AO	WO 96/29411	9/26/96	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	10AP	WO 96/33735	10/31/96	PCT			<input type="checkbox"/>	<input type="checkbox"/>
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	10AX	WO 98/46645	10/22/98	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	10AY	WO 98/49305	11/5/98	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	10AZ	WO 98/50433	11/12/98	PCT			<input type="checkbox"/>	<input type="checkbox"/>

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	11AA	WO 99/04813	2/4/99	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	11AB	WO 99/07865	2/18/99	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	11AC	WO 99/23105	5/14/99	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	11AD	WO 99/32619	7/1/99	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	11AE	WO 00/05391	2/3/00	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	11AF	WO 01/29058	4/26/01	PCT			<input type="checkbox"/>	<input type="checkbox"/>
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12AA	Boulianne, G.L. et al., "Production of functional chimaeric mouse/human antibody", Nature, Vol. 312, pp. 643-646 (1984)
12AB	Bout, A. et al., "Lung Gene Therapy: <i>In Vivo</i> Adenovirus-Mediated Gene Transfer to Rhesus Monkey Airway Epithelium", Human Gene Therapy, Vol. 5, pp. 3-10 (1994)
12AC	Bowie, J.U. et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions", Science, Vol. 247, pp. 1306-1310 (1990)
12AD	Bradbury, A.F. et al., "Biosynthesis of the C-Terminal Amide in Peptide Hormones", Bioscience Reports, Vol. 7, No. 12, pp. 907-916 (1987)
12AE	Brinkmann, U. et al., "Phage display of disulfide-stabilized Fv fragments", Journal of Immunological Methods, Vol. 182, pp. 41-50 (1995)
12AF	Brinster, R.L. et al., "Regulation of metallothionein-thymidine kinase fusion plasmids injected into mouse eggs", Nature, Vol. 296, pp. 39-42 (1982)
12AG	Brodeur, B.R. et al., Chapter 4: "Mouse-Human Myeloma Partners for the Production of Heterohybridomas", Monoclonal Antibody Production Techniques and Applications, Marcel Dekker, Inc., publ., Schnook, L.B., ed., pp. 51-63 (1987)
12AH	Buchwald, H. et al., "Long-term, continuous intravenous heparin administration by an implantable infusion pump in ambulatory patients with recurrent venous thrombosis", Surgery, Vol. 88, No. 4, pp. 507-516 (1980)
12AI	Burchiel, S.W. et al., Chapter 13: "Immunopharmacokinetics of Radiolabeled Antibodies and Their Fragments", Tumor Imaging: The Radiochemical Detection of Cancer, Masson Publishing Inc., publ., Burchiel, S.W. et al., eds., pp. 125-139 (1982)
12AJ	Burton, D.R. et al., "Human Antibodies from Combinatorial Libraries", Advances in Immunology, Vol. 57, pp. 191-280 (1994)
12AK	Campbell, D.A. et al., "Phosphonate Ester Synthesis Using a Modified Mitsunobu Condensation", J. Org. Chem., Vol. 59, No. 3, pp. 658-660 (1994)
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12AM	Cases, S. et al., "Cloning of DGAT2, a Second Mammalian Diacylglycerol Acyltransferase, and Related Family Members", The Journal of Biological Chemistry, Vol. 276, No. 42, pp. 38870-38876 (2001)
12AN	Chen, C. et al., "'Analogous' Organic Synthesis of Small-Compound Libraries: Validation of Combinatorial Chemistry in Small-Molecule Synthesis", J. Am. Chem. Soc., Vol. 116, No. 6, pp. 2661-2662 (1994)

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13AB	Cheng, Z. et al., "Capacitive detection of glucose using molecularly imprinted polymers", <i>Biosensors &amp; Bioelectronics</i> , Vol. 16, pp. 179-185 (2001)
13AC	Cho, C.Y. et al., "An Unnatural Biopolymer", <i>Science</i> , Vol. 261, pp. 1303-1305 (1993)
13AD	Chothia, C. et al., "Structural Determinants in the Sequences of Immunoglobulin Variable Domain", <i>J. Mol. Biol.</i> , Vol. 278, pp. 457-479 (1998)
13AE	Chow, M. et al., "Synthetic peptides from four separate regions of the poliovirus type 1 capsid protein VP1 induce neutralizing antibodies", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 82, pp. 910-914 (1985)
13AF	Cleland, J.L. et al., "The Development of Stable Protein Formulations: A Close Look at Protein Aggregation, Deamidation, and Oxidation", <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , Vol. 10, No. 4, pp. 307-377 (1993)
13AG	Cline, M.J. et al., "Perspectives for Gene Therapy: Inserting New Genetic Information Into Mammalian Cells by Physical Techniques and Viral Vectors", <i>Pharmac. Ther.</i> , Vol. 29, pp. 69-92 (1985)
13AH	Clowes, M.M. et al., "Long-Term Biological Response of Injured Rat Carotid Artery Seeded with Smooth Muscle Cells Expressing Retrovirally Introduced Human Genes", <i>J. Clin. Invest.</i> , Vol. 93, pp. 644-651 (1994)
13AI	Cockett, M.I. et al., "High Level Expression of Tissue Inhibitor of Metalloproteinases in Chinese Hamster Ovary Cells Using Glutamine Synthetase Gene Amplification", <i>Bio/Technology</i> , Vol. 8, pp. 662-667 (1990)
13AJ	Cohen, J.S., ed., <i>Oligodeoxynucleotides: Antisense Inhibitors of Gene Expression</i> , CRC Press, Inc., publ., pp. v-viii (table of contents) (1989)
13AK	Colbère-Garapin, F. et al., "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", <i>J. Mol. Biol.</i> , Vol. 150, pp. 1-14 (1981)
13AL	Cole, S.P.C. et al., "The EBV-Hybridoma Technique and Its Application to Human Lung Cancer", <i>Monoclonal Antibodies and Cancer Therapy</i> , Proceedings of the Roche-UCLA Symposium, Park City, UT, January 26-February 2, 1985, Alan R. Liss, Inc., publ., Reisfeld, R.A. et al., eds., pp. 77-96 (1985)
13AM	Coleman, R.A., "Diacylglycerol Acyltransferase and Monoacylglycerol Acyltransferase from Liver and Intestine", <i>Methods in Enzymology</i> , Vol. 209, pp. 98-104 (1992)
13AN	Coleman, R.A. et al., "Selective Changes in Microsomal Enzymes of Triacylglycerol Phosphatidylcholine, and Phosphatidylethanolamine Biosynthesis during Differentiation of 3T3-L1 Preadipocytes", <i>The Journal of Biological Chemistry</i> , Vol. 253, No. 20, pp. 7256-7261 (1978)

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14AA	Cooney, M. et al., "Site-Specific Oligonucleotide Binding Represses Transcription of the Human c-myc Gene in Vitro", Science, Vol. 241, pp. 456-459 (1988)
14AB	Cote, R.J. et al., "Generation of human monoclonal antibodies reactive with cellular antigens", Proc. Natl. Acad. Sci. USA, Vol. 80, pp. 2026-2030 (1983)
14AC	Cotten, M. et al., "Receptor-Mediated Transport of DNA into Eukaryotic Cells", Methods in Enzymology, Vol. 217, pp. 618-644 (1993)
14AD	Creighton, T.E., Proteins: Structures and Molecular Properties, Second Edition, W.H. Freeman and Company, publ., pp. v-x (table of contents) (1993)
14AE	Crouse, G.F. et al., "Expression and Amplification of Engineered Mouse Dihydrofolate Reductase Minigenes", Molecular and Cellular Biology, Vol. 3, No. 2, pp. 257-266 (1983)
14AF	Cunningham, B.C. et al., "High-Resolution Epitope Mapping of hGH-Receptor Interactions by Alanine-Scanning Mutagenesis", Science, Vol. 244, pp. 1081-1085 (1989)
14AG	Cutrona, G. et al., "Effects in live cells of a c-myc anti-gene PNA linked to a nuclear localization signal", Nature Biotechnology, Vol. 18, pp. 300-303 (2000)
14AH	David, G.S. et al., "Protein Iodination with Solid State Lactoperoxidase", Biochemistry, Vol. 13, No. 5, pp. 1014-1021 (1974)
14AI	Davis, L.G. et al., Basic Methods in Molecular Biology, Elsevier Science Publishing Co., Inc., publ., pp. v-viii (table of contents) (1986)
14AJ	Deamer, D. et al., "Large Volume Liposomes by an Ether Vaporization Method", Biochimica et Biophysica Acta, Vol. 443, pp. 629-634 (1976)
14AK	Debs, R.J. et al., "Regulation of Gene Expression <i>in Vivo</i> by Liposome-mediated Delivery of a Purified Transcription Factor", The Journal of Biological Chemistry, Vol. 265, No. 18, pp. 10189-10192 (1990)
14AL	Deng, B. et al., "An Agonist Murine Monoclonal Antibody to the Human c-Mpl Receptor Stimulates Megakaryocytopoiesis", Blood, Vol. 92, No. 6, pp. 1981-1988 (1998)
14AM	DeWitt, S.H. et al., " 'Diversomers': An approach to nonpeptide, nonoligomeric chemical diversity", Proc. Natl. Acad. Sci. USA, Vol. 90, pp. 6909-6913 (1993)
14AN	Dickert, F.L. et al., "Synthetic receptors as sensor coatings for molecules and living cells", The Analyst, Vol. 126, pp. 766-771 (2001)

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15AA	Döbeli, H. et al., "Role of the carboxy-terminal sequence on the biological activity of human immune interferon (IFN- $\gamma$ )", Journal of Biotechnology, Vol. 7, pp. 199-216 (1988)
15AB	Dracopoli, N.C. et al., eds., Chapter 12: "Vectors for Gene Therapy", Current Protocols in Human Genetics, Vol. 3, John Wiley & Sons, Inc., publ., pp. 12.0.1-12.12.15 (1999)
15AC	Dracopoli, N.C. et al., eds., Chapter 13: "Delivery Systems for Gene Therapy", Current Protocols in Human Genetics, Vol. 3, John Wiley & Sons, Inc., publ., pp. 13.0.1-13.10.7 (2000)
15AD	During, M.J. et al., "Controlled Release of Dopamine from a Polymeric Brain Implant: In Vivo Characterization", Annals of Neurology, Vol. 25, No. 4, pp. 351-356 (1989)
15AE	Egholm, M. et al., "PNA hybridizes to complementary oligonucleotides obeying the Watson-Crick hydrogen-bonding rules", Nature, Vol. 365, pp. 566-568 (1993)
15AF	Ellis, S.B. et al., "Isolation of Alcohol Oxidase and Two Other Methanol Regulatable Genes from the Yeast <i>Pichia pastoris</i> ", Molecular and Cellular Biology, Vol. 5, No. 5, pp. 1111-1121 (1985)
15AG	Engelhardt, J.F. et al., "Adenovirus-Mediated Transfer of the CFTR Gene to Lung of Nonhuman Primates: Biological Efficacy Study", Human Gene Therapy, Vol. 4, pp. 759-769 (1993)
15AH	Enoch, H.G. et al., "Formation and properties of 1000-Å-diameter, single-bilayer phospholipid vesicles", Proc. Natl. Acad. Sci. USA, Vol. 76, No. 1, pp. 145-149 (1979)
15AI	Erlich, H.A. et al., "Recent Advances in the Polymerase Chain Reaction", Science, Vol. 252, pp. 1643-1650 (1991)
15AJ	Evan, G.I. et al., "Isolation of Monoclonal Antibodies Specific for Human c-myc Proto-Oncogene Product", Molecular and Cellular Biology, Vol. 5, No. 12, pp. 3610-3616 (1985)
15AK	Felgner, P.L. et al., "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure", Proc. Natl. Acad. Sci. USA, Vol. 84, pp. 7413-7417 (1987)
15AL	Fell, H.P. et al., "Genetic Construction and Characterization of a Fusion Protein Consisting of a Chimeric F(ab') with Specificity for Carcinomas and Human IL-2", The Journal of Immunology, Vol. 146, No. 7, pp. 2446-2452 (1991)
15AM	Ferrantini, M. et al., " $\alpha_1$ -Interferon Gene Transfer into Metastatic Friend Leukemia Cells Abrogated Tumorigenicity in Immunocompetent Mice: Antitumor Therapy by Means of Interferon-producing Cells", Cancer Research, Vol. 53, pp. 1107-1112 (1993)
15AN	Ferrantini, M. et al., "IFN- $\alpha$ 1 Gene Expression into a Metastatic Murine Adenocarcinoma (TS/A) Results in CD8 <sup>+</sup> T Cell-Mediated Tumor Rejection and Development of Antitumor Immunity: Comparative Studies with IFN- $\gamma$ -Producing TS/A Cells", The Journal of Immunology, Vol. 153, pp. 4604-4615 (1994)

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16AA	Fishwild, D.M. et al., "High-avidity human IgGκ monoclonal antibodies from a novel strain of minilocus transgenic mice", Nature Biotechnology, Vol. 14, pp. 845-851 (1996)
16AB	Foecking, M.K. et al., "Powerful and versatile enhancer-promoter unit for mammalian expression vectors", Gene, Vol. 45, pp. 101-105 (1986)
16AC	Fountoulakis, M. et al., "Interferon γ Receptor Extracellular Domain Expressed as IgG Fusion Protein in Chinese Hamster Ovary Cells", The Journal of Biological Chemistry, Vol. 270, No. 8, pp. 3958-3964 (1995)
16AD	Fraley, R. et al., "Introduction of Liposome-encapsulated SV40 DNA into Cells", The Journal of Biological Chemistry, Vol. 255, No. 21, pp. 10431-10435 (1980)
16AE	Fraley, R.T. et al., "Entrapment of a bacterial plasmid in phospholipid vesicles: Potential for gene transfer", Proc. Natl. Acad. Sci. USA, Vol. 76, No. 7, pp. 3348-3352 (1979)
16AF	Francis, M.J. et al., "Immunological Priming with Synthetic Peptides of Foot-and-Mouth Disease Virus", J. Gen. Virol., Vol. 66, pp. 2347-2354 (1985)
16AG	Furka, A. et al., "General method for rapid synthesis of multicomponent peptide mixtures", Int. J. Peptide Protein Res., Vol. 37, pp. 487-493 (1991)
16AH	Gautier, C. et al., "α-DNA IV: α-anomeric and β-anomeric tetrathymidylates covalently linked to intercalating oxazolopyridocarbazole. Synthesis, physicochemical properties and poly (rA) binding", Nucleic Acids Research, Vol. 15, No. 16, pp. 6625-6641 (1987)
16AI	Gavel, Y. et al., "Sequence differences between glycosylated and non-glycosylated Asn-X-Thr/Ser acceptor sites: implications for protein engineering", Protein Engineering, Vol. 3, No. 5, pp. 433-442 (1990)
16AJ	Gayle, III, R.B. et al., "Identification of Regions in Interleukin-1α Important for Activity", The Journal of Biological Chemistry, Vol. 268, No. 29, pp. 22105-22111 (1993)
16AK	Gentz, R. et al., "Bioassay for trans-activation using purified human immunodeficiency virus tat-encoded protein: Trans-activation requires mRNA synthesis", Proc. Natl. Acad. Sci. USA, Vol. 86, pp. 821-824 (1989)
16AL	Geysen, H.M. et al., "Use of peptide synthesis to probe viral antigens for epitopes to a resolution of a single amino acid", Proc. Natl. Acad. Sci. USA, Vol. 81, pp. 3998-4002 (1984)
16AM	Gillies, S.D. et al., "Antibody-targeted interleukin 2 stimulates T-cell killing of autologous tumor cells", Proc. Natl. Acad. Sci. USA, Vol. 89, pp. 1428-1432 (1992)
16AN	Gillies, S.D. et al., "High-level expression of chimeric antibodies using adapted cDNA variable region cassettes", Journal of Immunological Methods, Vol. 125, pp. 191-202 (1989)

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APPLICANT  
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EXAMINER

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